RED RIVER BANCSHARES, INC.

INVESTOR PRESENTATION GULF SOUTH BANK CONFERENCE MAY 7 - 9, 2023

As of March 31, 2023 Nasdaq: RRBI

Forward-Looking Statements and Non-GAAP Information

RED RIVER BANCSHARES, INC.

Statements in this presentation regarding our expectations and beliefs about our future financial performance and financial condition, as well as trends in our business and markets, are "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Forward-looking statements often include words such as "believe," "expect," "anticipate," "intend," "plan," "estimate," "project," "outlook," or words of similar meaning, or future or conditional verbs such as "will," "would," "should," "could," or "may." The forwardlooking statements in this presentation are based on current information and on assumptions that we make about future events and circumstances that are subject to a number of risks and uncertainties that are often difficult to predict and beyond our control. As a result of those risks and uncertainties, our actual financial results in the future could differ, possibly materially, from those expressed in or implied by the forward-looking statements contained in this presentation and could cause us to make changes to our future plans. Additional information regarding these and other risks and uncertainties to which our business and future financial performance are subject is contained in the section titled "Risk Factors" in our most recent Annual Report on Form 10-K and subsequent quarterly reports on Form 10-Q, and in other documents that we file with the SEC from time to time. In addition, our actual financial results in the future may differ from those currently expected due to additional risks and uncertainties of which we are not currently aware or which we do not currently view as, but in the future may become, material to our business or operating results. Due to these and other possible uncertainties and risks, readers are cautioned not to place undue reliance on the forward-looking statements contained in this presentation or to make predictions based solely on historical financial performance. Any forward-looking statement speaks only as of the date on which it is made, and we do not undertake any obligation to update or review any forward-looking statement, whether as a result of new information, future developments or otherwise, except as required by law. All forward-looking statements, express or implied, included in this presentation are gualified in their entirety by this cautionary statement.

This presentation includes industry and trade association data, forecasts, and information that we have prepared based, in part, upon data, forecasts, and information obtained from independent trade associations, industry publications and surveys, government agencies, and other information publicly available to us, which information may be specific to particular markets or geographic locations. Some data is also based on our good faith estimates, which are derived from management's knowledge of the industry and independent sources. Industry publications, surveys, and forecasts generally state that the information contained therein has been obtained from sources believed to be reliable. Statements as to our market position are based on market data currently available to us. Although we believe these sources are reliable, we have not independently verified the information. While we are not aware of any misstatements regarding our industry data presented herein, our estimates involve risks and uncertainties and are subject to change based on various factors. Similarly, we believe our internal research is reliable, even though such research has not been verified by any independent sources.

Our accounting and reporting policies conform to United States GAAP and the prevailing practices in the banking industry. Certain financial measures used by management to evaluate our operating performance are discussed as supplemental non-GAAP performance measures. In accordance with SEC rules, we classify a financial measure as being a non-GAAP financial measure if that financial measure excludes or includes amounts, or is subject to adjustments that have the effect of excluding or including amounts, that are included or excluded, as the case may be, in the most directly comparable measure calculated and presented in accordance with GAAP as in effect from time to time in the U.S. Management and the board of directors review tangible book value per share, tangible common equity to tangible assets, realized book value per share, and SBA PPP-adjusted metrics as part of managing operating performance. However, these non-GAAP financial measures should not be considered in isolation or as a substitute for the most directly comparable or other financial measures calculated in accordance with GAAP. Moreover, the manner that we calculate the non-GAAP financial measures that are discussed may differ from that of other companies reporting measures with similar names. It is important to understand how such other banking organizations calculate and name their financial measures discussed by us when comparing such non-GAAP financial measures. A reconciliation of non-GAAP financial measures to the comparable GAAP financial measures is included in the Appendix to this presentation.

Glossary of Terms

RED RIVER BANCSHARES, INC.

- 1Q22 First Quarter of 2022
- 2Q22 Second Quarter of 2022
- 3Q22 Third Quarter of 2022
- 4Q22 Fourth Quarter of 2022
- 1Q23 First Quarter of 2023
- 2Q23 Second Quarter of 2023
- 3Q23 Third Quarter of 2023
- 1-4 FR One-to-four family residential
- ACL Allowance for credit losses
- AFS Available-for-sale
- API Application Programming Interface
- B.A. Bachelor of Arts
- B.B.A. Bachelor of Business Administration
- BOLI Bank owned life insurance
- bp(s) Basis point(s)
- B.S. Bachelor of Science
- C&D Construction and land development loans
- C&I Commercial and industrial loans
- CAGR Compound annual growth rate
- CECL Current Expected Credit Losses
- CGMA Chartered Global Management Accountant

- CL(s) Criticized Loans
- CMBS Commercial Mortgage-Backed Securities
- CPA Certified Public Accountant
- CRA Community Reinvestment Act
- CRE Commercial real estate
- DDA Demand deposit accounts
- EPS Earnings per share
- FDIC Federal Deposit Insurance Corporation
- FNMA Federal National Mortgage Association
- FTE Fully taxable equivalent basis
- GAAP Generally Accepted Accounting Principles in the United States of America
- HFI Held for investment
- HFS Held for sale
- HTM Held-to-maturity
- ICS Insured Cash Sweep
- IPO Initial public offering
- J.D. Juris Doctor
- LDPO Loan and deposit production office

- LPO Loan production office
- LIBOR London Inter-Bank Offered Rate
- M Dollars in millions
- M.B.A. Master of Business Administration
- MBS Mortgage-backed securities
- N/A Not applicable
- NIM Net interest margin
- NOW Negotiable order of withdrawal
- NPA(s) Nonperforming asset(s)
- NPL(s) Nonperforming loan(s)
- PPP Paycheck Protection Program
- P2P Peer-to-peer
- ROA Return on average assets
- ROE Return on average equity
- SBA Small Business Administration
- SBIC Small Business Investment Company
- SEC United States Securities and Exchange Commission
- U.S. United States of America
- vs. Versus

Strong. Stable.

We're your people.



redriverbank.net



Company Overview

- Established in 1998 in Alexandria, Louisiana
- Completed IPO in May 2019
- Nasdaq: RRBI
- Included in Russell 2000 Index
- As of March 31, 2023:
 - Assets = \$3.03 billion
 - Loans HFI = \$1.92 billion
 - Securities = \$765.2 million
 - Deposits = \$2.73 billion
 - Market capitalization = \$345.3 million
- Ownership
 - Insiders = 34%
 - Institutions = 19%¹
 - Public and other = 47%
- Named in American Banker's "2022 Best Banks to Work For"²
- Named among the top 2.7% of all banks nationwide as "best-in-state"³
- Fifth largest Louisiana-headquartered bank based on assets as of December 31, 2022
- Ranked 45th in S&P Global Market Intelligence's Top 50 Community Banks \$3 \$10 billion⁴

¹Source: Based on filings made with the SEC, as reported by S&P Capital IQ Pro²Source: According to an article published by American Banker on November 15, 2022

⁴Source: According to a press release issued by S&P Global Market Intelligence on March 22, 2023



³Source: According to an article published by Forbes on June 21, 2022

Company Strengths

RED RIVER BANCSHARES, INC.

- Consistent, long-term track record of financial results and steady growth
- Conservative credit culture with solid asset quality
- Granular, diversified, relationship-based loan and deposit portfolios
- Solid liquidity position
- No internet-sourced or brokered deposits
- No borrowings or debt
- Primarily *de novo* growth strategy with selective strategic expansion into new markets
- Strategic banking center network
 - Operating in the largest markets in Louisiana
 - 27 banking centers and an LDPO in Louisiana
 - Average deposits per center = \$101.2 million
- Strong capital position
 - Well capitalized
 - Consistent quarterly dividends
 - Stock repurchase program in place
- Continuity of leadership four of our top executives are part of the founding management team

History & Strategy

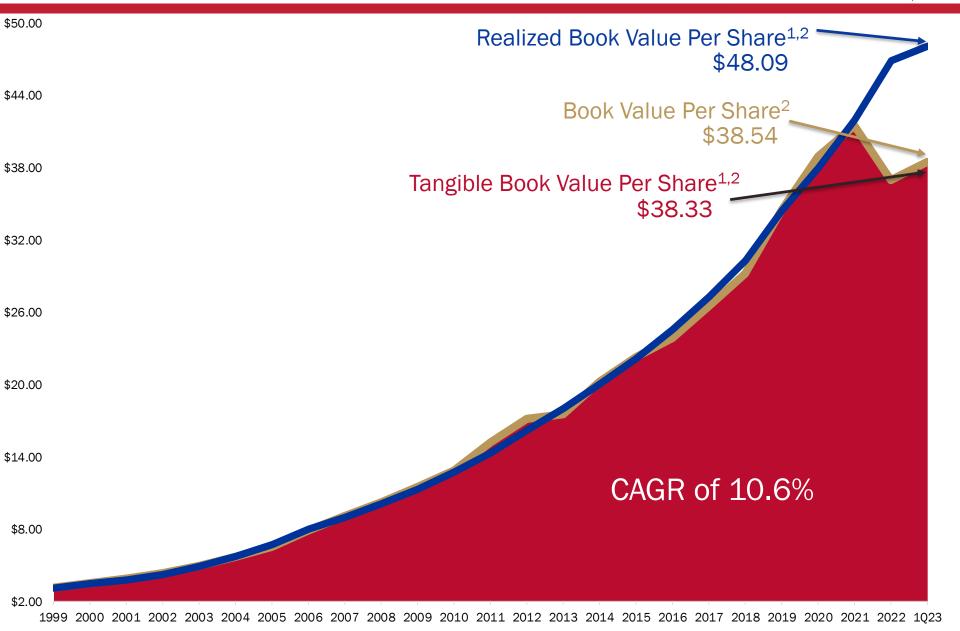


Company History



Book Value Growth

RED RIVER BANCSHARES, INC.



Note: Each year on the Book Value Graph represents year-end financial data.

¹Non-GAAP measure. See "Forward-Looking Statements and Non-GAAP Information" on slide 2 and "Non-GAAP Reconciliation" slides in the Appendix for additional information.

²Adjusted for 2-for-1 stock split with a record date of October 1, 2018 and 15-for-1 stock split with a record date of November 30, 2005.

Leadership Team





R. Blake Chatelain



• Executive Vice President and Chief Financial Officer

B.S. in Finance from Louisiana State University

President, Chief Executive Officer, and Director

Previously Executive Vice President of Rapides Bank & Trust

Company, a subsidiary of First Commerce Corporation

Founding management

Founding management

 Previously Manager of the Financial Planning Department at Whitney National Bank, in the Financial Planning and Financial Reporting Department of First Commerce Corporation, and audited depository organizations and their holding companies with KPMG

Executive Vice President, Chief Lending Officer, and Director¹

Current Past Chairman for the Board of Trustees of Rapides Regional

Previously Commercial Banker at Rapides Bank & Trust Company

• B.S. in Management from Tulane University

Isabel V. Carriere, CPA, CGMA

Bryon C. Salazar



Executive Vice President and Chief Operating Officer¹

B.S. in Finance from Louisiana State University

Founding management

Founding management

Medical Center

- Previously Vice President of Rapides Bank & Trust Company
- Director of the Rapides Children's Advocacy Network, River Oaks Art Center, and Christus Cabrini Foundation
- B.S. in Finance from Louisiana Tech University

Tammi R. Salazar



- Senior Vice President, General Counsel, and Corporate Secretary Joined Red River Bank in 2020
- Previously with Cleco Corporate Holdings LLC and Thompson & Knight LLP

B.A. in English from Vanderbilt University and J.D. from Louisiana State University

G. Bridges Hall, IV



Debbie B. Triche



Andrew B. Cutrer



David K. Thompson

- Senior Vice President and Chief Credit Policy Officer¹
- Joined Red River Bank in 2006
- Previously Credit Department Manager (Dallas) at Hibernia National Bank
- B.S. in Business Administration from Northwestern State University, M.B.A. from Louisiana State University-Shreveport, and attended the Graduate School of Banking at Louisiana State University
- Senior Vice President and Retail Administrator¹
- Joined Red River Bank in 2000
- Previously Vice President and Retail Branch Manager at Rapides Bank & Trust Company
- B.S. in Marketing from Louisiana Tech University
- Senior Vice President and Director of Human Resources
- Joined Red River Bank in 2001
- Previously Director of Human Resources at Bunkie General Hospital
- B.S. in Management and Marketing from Louisiana College and M.B.A. from Louisiana Tech University
- Capital Market President¹
- Joined Red River Bank in 2015
- Previously Baton Rouge Commercial Group Lender at IBERIABANK
- B.B.A. in Finance from University of Louisiana-Monroe and attended the Graduate School of Banking at Louisiana State University

Julia Callis, J.D.

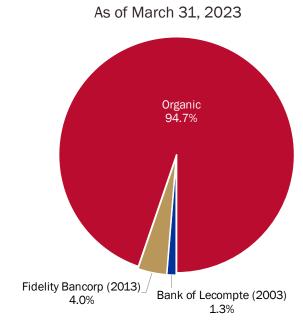
Growth Strategies

De Novo Growth Strategies

- Disciplined, targeted investments for smart growth
- Target markets with significant disruption by competitors
- Concentrate on urban markets with growth potential
- Focus on markets where market share is held by large national and regional banks
- Hire experienced leadership from the market to build a team
- Offer an authentic, full-service, relationship-based community bank experience
- Establish presence initially with an LDPO then build or buy and remodel a banking center

Disciplined Acquisition Strategy

Successfully integrated two acquisitions and positioned to capitalize on future opportunities



Historical Asset Growth Method

11

Conservative Credit Culture

Our founding management team developed the initial credit culture, predicated upon conservative underwriting principles carried over from regional bank experience. This same team has overseen the implementation and periodic adjustment of these core lending tenets over a 24-year time frame.

Experienced Bankers

In addition to a cohesive, long-tenured executive management team, we enjoy the benefits of an experienced group of client-facing bankers, which has resulted in steady, diversified, organic loan growth, combined with excellent quality metrics.

Relationship-Driven Client Focus

Our loan portfolio is well below CRE portfolio concentration guidelines, which complements our conservative lending philosophy and simultaneously drives our relationship-driven client focus, resulting in a strong core deposit base and enhanced liquidity options.

"Footprint" Lending

We have a low level of participations purchased and shared national credits. Our portfolio is further characterized by modest hold limits, strong oversight, and rapid response to problem loan resolution.

Consistent Lending Standards

Fundamental goals continue to include measured growth, broad diversification, and high-quality performance. Underwriting standards remain consistent regardless of economic conditions.

Digital Banking – Embracing Digital Innovation RED RIVER BANCSHARES, INC.

Strategies and Recent Systems

- Robust commercial treasury systems
- P2P payments platform provided by Zelle[®]
- Online and mobile banking channels: Mobile deposit, digital receipts, Apple Pay, mobile wallet, and debit card controls
- Launched redesigned, contactless debit cards
- Online deposit account opening and mortgage applications
 - Implement an upgrade to include a "Verification of Life" system in an effort to reduce fraud
- Implemented SQN Banking Systems' fraud detection system to screen all checks
- Mobile, automated small dollar loan system
- Implementing MeridianLink system for end-to-end small business and consumer loan application system
- Completion in 2Q23 of our core system upgrade to improve efficiency, accuracy, and streamline operations
- Utilize API for automation of processes to improve efficiency and manage headcount
- Invested in the JAM FINTOP Banktech fund as a resource for technology systems

Future Improvements and Plans

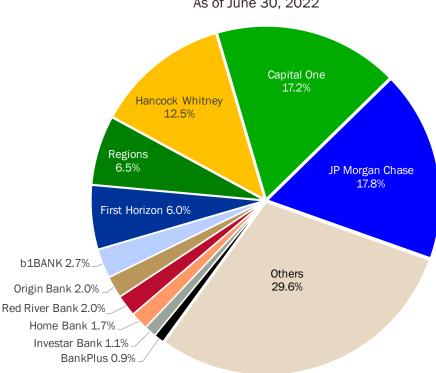
Research vendors for ACH and wire fraud detection systems

Zelle[°] is now available in our _____ app!

DIGITAL

Competitive Landscape

- Red River Bank holds 2.0% of Louisiana deposits¹
- 60.0% of Louisiana deposits are held by large national or regional banks¹
- Large banks deemphasizing markets we serve
- In 1Q22, TD Bank Group announced an agreement to purchase First Horizon



Deposits in Louisiana¹

\$144.0 billion As of June 30, 2022

Deposit Market Share as of June 30, 2022¹

		Red River Ban	k		 Total			
-		% of						
Markets	Rank	Marketshare		\$M	\$M			
Central Market	1 st	38.5%	\$	1,613	\$ 4,187			
Northwest Market	8 th	5.2%	\$	553	\$ 10,734			
Capital Market	8 th	2.4%	\$	582	\$ 24,034			
Southwest Market	12 th	1.0%	\$	65	\$ 6,395			
Northshore Market	21 st	0.3%	\$	26	\$ 8,066			
Acadiana Market	22 nd	0.3%	\$	23	\$ 9,001			
New Orleans Market	n/a	n/a		n/a	\$ 37,793			
State of Louisiana	8 th	2.0%	\$	2,862	\$ 143,964			

2022 Overview



2022 Financial and Operational Highlights

RED RIVER BANCSHARES, INC.

- Assets decreased 4.4% to \$3.08 billion
- Non-PPP loans HFI¹ increased 15.0% to \$1.92 billion
- Deposits decreased 3.8% to \$2.80 billion
- Repurchased 4,465 shares of common stock at an aggregate cost of \$218,000

		For the Ye	ear	Ended		
(dollars in thousands, except per share data)	1	2/31/22	1	2/31/21		NIM FT
Assets	\$	3,082,686	\$	3,224,710		Opene
Non-PPP Loans HFI ¹	\$	1,916,253	\$	1,666,282		our Aca
Deposits	\$	2,798,936	\$	2,910,348		
Stockholders' Equity	\$	265,753	\$	298,150		Opene
Book Value Per Share	\$	36.99	\$	41.52		
Tangible Book Value Per Share ¹	\$	36.78	\$	41.31		
Realized Book Value Per Share ¹	\$	46.90	\$	42.05	(doll	ars in thous
Loans HFI to Deposits Ratio		68.46%		57.86%	- T	pt per shar
Noninterest-bearing Deposits to Deposits Ratio		38.96%		39.50%	Net	Income
NPAs to Assets		0.08%		0.03%	EPS	6, Diluted
NPLs to Loans HFI		0.12%		0.02%	Cas	h Dividen
Allowance for Loan Losses to Loans HFI		1.08%		1.14%	R0/	4
Stockholders' Equity to Assets		8.62%		9.25%	ROE	Ξ
Tangible Common Equity to Tangible Assets ¹		8.57%		9.20%	NIN	1 FTE
Total Risk-Based Capital Ratio		17.39%		17.83%	Effi	ciency Rat
Tier 1 Risk-Based Capital Ratio		16.38%		16.76%	Net	Charge-of
Leverage Ratio		10.71%		9.67%	A	verage Lo

- Record high net income of \$36.9 million for 2022
- EPS (diluted) was \$5.13 and ROA was 1.18%
- Net interest income for 2022 increased 20.8%, or \$14.9 million, to \$86.6 million
- NIM FTE increased 26 bps to 2.86%
- Opened first full-service banking centers in our Acadiana and New Orleans Markets
- Opened the new operations center building

•	-							
\$	41.31		F	or the Ye	arl	Ended		
\$	42.05	(dellare in the usen de						
	57.86%	(dollars in thousands except per share data)	12	/31/22	12/31/21			
	39.50%	Net Income	\$	36,916	\$	32,952		
	0.03%	EPS, Diluted	\$	5.13	\$	4.51		
	0.02%	Cash Dividends Per Share	\$	0.28	\$	0.28		
	1.14%	ROA		1.18%		1.13%		
	9.25%	ROE		13.98%		11.21%		
	9.20%	NIM FTE		2.86%		2.60%		
	17.83%	Efficiency Ratio		56.60%		56.39%		
	16.76%	Net Charge-offs to						
	9.67%	Average Loans		0.02%		0.04%		

		For the Ye	ear Enc	Variance				
(dollars in thousands)	12	2/31/22	12,	/31/21	\$	%		
Interest and Dividend Income, excluding SBA PPP ¹	\$	93,705	\$	71,566	\$ 22,139	30.9%		
SBA PPP Loan Income		670		5,773	(5,103)	(88.4%)		
Total Interest and Dividend Income	\$	94,375	\$	77,339	\$ 17,036	22.0%		
Interest Expense		7,736		5,617	2,119	37.7%		
Net Interest Income	\$	86,639	\$	71,722	\$ 14,917	20.8%		
Mortgage Loan Income	\$	3,096	\$	8,676	\$ (5,580)	(64.3%)		
Net Income	\$	36,916	\$	32,952	\$ 3,964	12.0%		

- Net interest income was positively impacted by the higher interest rate environment in 2022 and an improved asset mix
- SBA PPP Loans were materially complete as of December 31, 2022
 - SBA PPP income decreased in 2022 due to fewer SBA PPP loans
- Mortgage loan income decreased due to rising mortgage interest rates and home prices, as well as limited housing stock available for purchase in 2022

First Quarter 2023



First Quarter 2023 Financial Results

RED RIVER BANCSHARES, INC.

Slightly lower deposits and assets	(dollars in thousands, except per share data)	1Q23	4Q22	1Q22
	Net Income	\$ 9,598	\$ 10,191	\$ 7,392
Consistent loans	EPS, Diluted	\$ 1.33	\$ 1.42	\$ 1.03
	Book Value Per Share	\$ 38.54	\$ 36.99	\$ 36.91
Solid liquidity	Tangible Book Value Per Share ¹	\$ 38.33	\$ 36.78	\$ 36.69
No borrowings	Realized Book Value Per Share ¹	\$ 48.09	\$ 46.90	\$ 43.02
	Cash Dividends Per Share	\$ 0.08	\$ 0.07	\$ 0.07
Consistent, good asset quality	ROA	1.28%	1.33%	0.93%
Wall appitalized	ROE	14.33%	16.34%	10.27%
Well capitalized	NIM FTE	3.13%	3.17%	2.46%
Net income decreased due to lower net interest income	Efficiency Ratio	56.84%	54.76%	60.80%
	Loans HFI to Deposits	70.36%	68.46%	59.47%
	Noninterest-bearing Deposits			
EPS, diluted decreased by \$0.09 to \$1.33 for	to Deposits	38.81%	38.96%	40.34%
1Q23	NPAs to Assets	0.08%	0.08%	0.03%
Net interest income and NIM FTE were	ACL to Loans HFI	1.09%	1.08%	1.11%
negatively impacted by increased deposit rate	Net Charge-offs to Average Loans	0.00%	0.00%	0.00%
pressures	Assets	\$ 3,030,582	\$ 3,082,686	\$ 3,212,460
pressures	Loans HFI	\$ 1,921,850	\$ 1,916,267	\$ 1,741,026
NPAs to assets ratio consistent at 0.08%	Deposits	\$ 2,731,385	\$ 2,798,936	\$ 2,927,728
	Stockholders' Equity	\$ 276,640	\$ 265,753	\$ 264,874
ACL to loans HFI ratio = 1.09%	Realized Common Equity ¹	\$ 345,181	\$ 336,919	\$ 308,693
Tangible Common Equity to Tangible Assets 1 =	Stockholders' Equity to Assets	9.13%	8.62%	8.25%
9.08%	Tangible Common Equity to			
9.08%	Tangible Assets ¹	9.08%	8.57%	8.20%
Well capitalized: Leverage Ratio = 11.02%	Total Risk-Based Capital Ratio	17.89%	17.39%	17.28%
	Leverage Ratio	11.02%	10.71%	9.51%

¹Non-GAAP measure. See "Forward-Looking Statements and Non-GAAP Information" on slide 2 and "Non-GAAP Reconciliation" slides in the Appendix for additional information.

Balance Sheet

RED RIVER BANCSHARES, INC.

- Loans HFI consistent at \$1.92 billion
- Deposits decreased \$67.6 million, or 2.4%, due to customer deposit movement and activity, combined with seasonal drawdowns by public entity customers
- Securities decreased \$10.8 million from 4Q22
 - Sold \$6.0 million of the CRA mutual fund
 - Principal repayments
- Noninterest-bearing deposits to deposits ratio = 38.81%
- Loans HFI to deposits ratio = 70.36%
- No brokered deposits
- No subordinated debt or other borrowings

	As of						
(dollars in thousands)		3/31/23		12/31/22			
<u>Assets</u>							
Cash and due from banks	\$	34,491	\$	37,824			
Interest-bearing deposits in other banks		194,727		240,568			
Securities AFS, at fair value		611,794		614,407			
Securities HTM, at amortized cost		149,417		151,683			
Equity securities, at fair value		4,010		9,979			
Loans HFS		2,046		518			
Loans HFI		1,921,850		1,916,267			
Allowance for credit losses		(20,854)		(20,628)			
Other assets		133,101		132,068			
Total Assets	\$	3,030,582	\$	3,082,686			
<u>Liabilities</u>							
Noninterest-bearing deposits	\$	1,060,042	\$	1,090,539			
Interest-bearing deposits		1,671,343		1,708,397			
Total Deposits		2,731,385		2,798,936			
Other liabilities		22,557		17,997			
Total Liabilities		2,753,942		2,816,933			
Total Stockholders' Equity		276,640		265,753			
Total Liabilities and							
Stockholders' Equity	\$	3,030,582	\$	3,082,686			



Liquidity

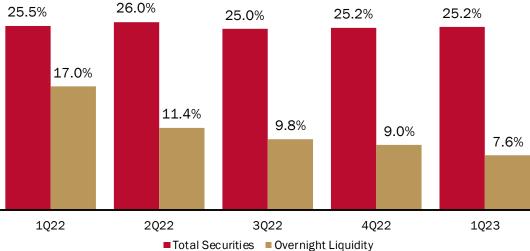
- Cash and cash equivalents = \$229.2 million and 7.6% of assets as of 3/31/23 with \$241.7 million average for 1Q23
- Securities AFS, unpledged = \$422.7 million
- Estimated cash flows from securities, assuming consistent interest rates
 - \$100.0 million principal repayments from April to December 2023
 - \$120.0 million principal repayments in 2024

Borrowing Availability

- \$1.35 billion in available borrowing capacity, with no borrowings outstanding, through the following sources:
 - Federal Home Loan Bank = \$876.0 million, net of \$15.9 million of letters of credit pledged for public entity deposits
 - Federal Funds Lines = \$95.0 million
 - Other revolving lines = \$6.0 million
 - Bank Term Funding Program = approximately \$377.0 million of eligible securities available as collateral

Securities / Assets vs. Overnight Liquidity / Assets

(end of period)



Securities



Key Securities Metrics as of March 31, 2023

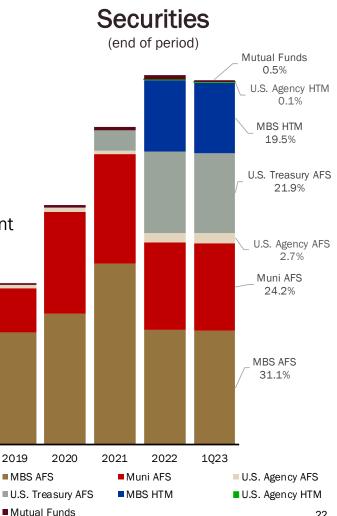
- Securities AFS portfolio at fair value = \$611.8 million, net of \$71.2 million unrealized loss
- Securities HTM portfolio at amortized cost = \$149.4 million
- Unrealized loss on HTM portfolio = \$19.9 million
- 1023 yield = 1.69%
- Effective duration = 4.9 years
- Estimated cash flows from securities, assuming consistent interest rates
 - \$100.0 million principal repayments from April to December 2023
 - \$120.0 million principal repayments in 2024
- Pledged as collateral for public entity deposits = \$202.1 million
- Available as collateral for Bank Term Funding Program = \$377.0 million
- FNMA CMBS = \$3.8 million with the implicit backing of the U.S. government
 - No private label CMBS
- No corporate equity securities
- No investment in subordinated debentures of other financial institutions

Securities AFS Activity 1Q23

- Purchased = \$8.8 million, yield of 3.59%
- No sales

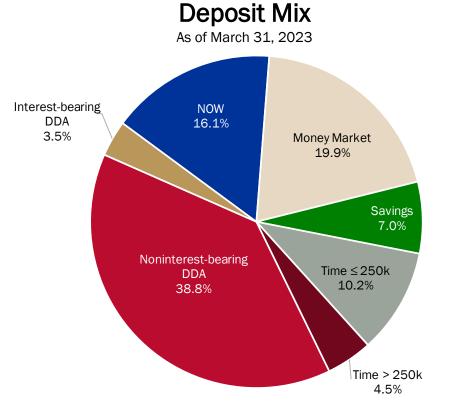
Equity Securities as of March 31, 2023

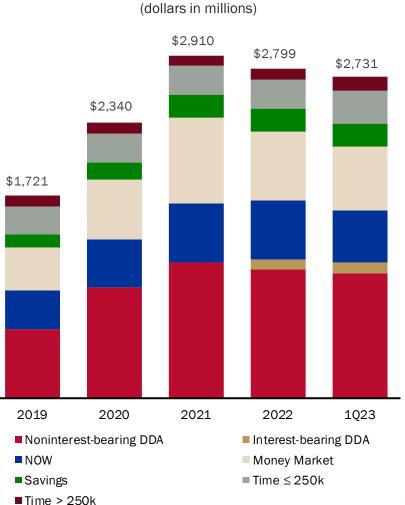
- CRA mutual fund consisted primarily of bonds = \$4.0 million
- Sold \$6.0 million of this fund in March 2023



Deposits

- Deposits were \$2.73 billion as of March 31, 2023, a decrease of \$67.6 million, or 2.4%, compared to 4Q22, due to the changing interest rate environment impacting customer deposit movement and activity, combined with normal seasonal drawdowns by public entity customers
- Noninterest-bearing deposits to deposits ratio = 38.81%
- Loans HFI to deposits ratio = 70.36%
- Cost of deposits = 0.71%
- No internet-sourced or brokered deposits

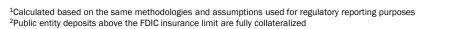


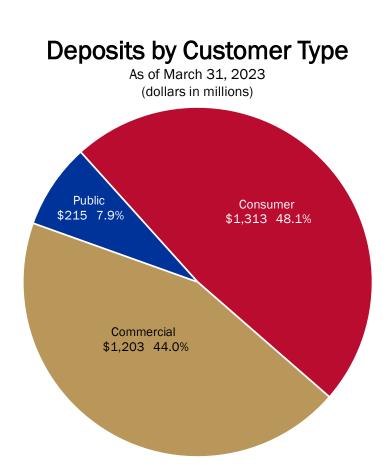


Total Deposits

Deposit Characteristics

- RED RIVER BANCSHARES, INC.
- Granular, diversified deposit portfolio and customer base throughout Louisiana
 - Average deposit account size = \$29,000
- Public entity deposits
 - Relationship-based Louisiana public entities
 - Public entity deposits = \$214.7 million, 7.9% of deposits
 - Average deposit account size = \$1.0 million
- IntraFi Network ICS Reciprocal Deposit Program
 - Offer ICS products to commercial customers for 100%
 FDIC insurance
 - ICS Outgoing sweep = \$96.9 million
 - ICS Reciprocal funds received (Interest-bearing DDA) = \$97.2 million with an interest rate of 3.4%, 3.5% of deposits
- Estimated Uninsured Deposits
 - Estimated uninsured deposits¹ = \$871.6 million, 31.9% of deposits
 - Estimated uninsured deposits, excluding collateralized public funds² = \$698.0 million, 25.6% of deposits
 - Cash and cash equivalents combined with available borrowings represent 181.6% of estimated uninsured deposits and 226.8% of estimated uninsured deposits, excluding collateralized public funds

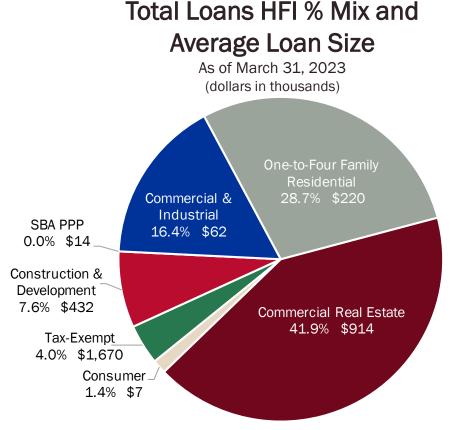




Loan Portfolio Overview

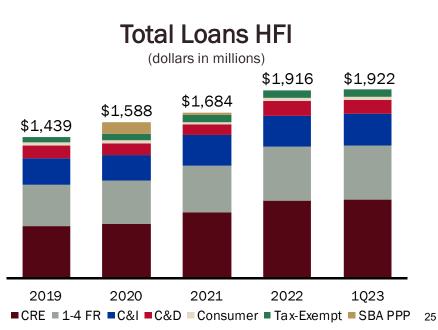
RED RIVER BANCSHARES, INC.

- Loans HFI = \$1.92 billion
- Broad diversification by industry
- Highest industry concentration = Health Care at 8.4%
- Average loan size excluding credit cards = \$234,000
- Loans indexed to LIBOR = \$27.0 million, or 1.4% of loans HFI



Largest Industry Concentrations

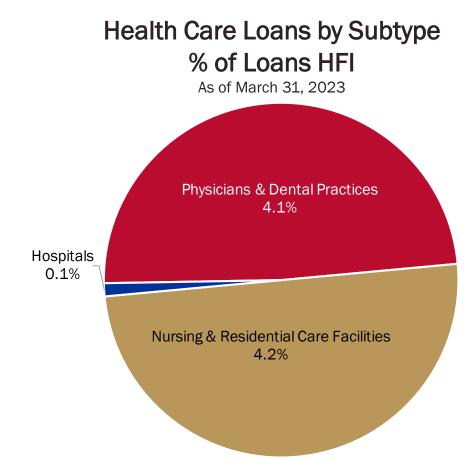




Health Care Loans



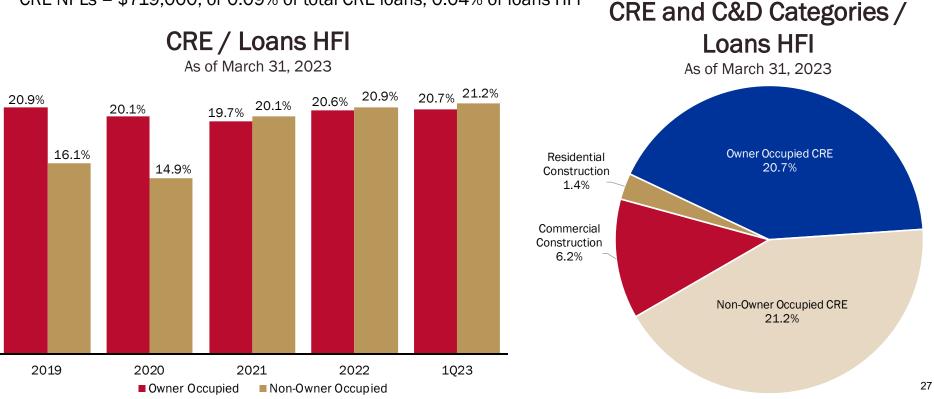
- Largest industry concentration
- Health care loans = \$160.2 million, or 8.4%, of loans HFI
- Average loan size = \$332,000
- No shared national credits, real estate investment trusts, or assisted living facilities
- Skilled nursing care facilities operate under a certificate of need system in Louisiana
- Nursing facilities are managed by Louisiana-based owner operators



Commercial Real Estate Loans

RED RIVER BANCSHARES, INC.

- CRE = \$805.2 million, or 41.9% of loans HFI
 - Investor-owned office properties = \$59.7 million, or 3.1% of loans HFI
- C&D = \$146.0 million, or 7.6% of loans HFI
- Low levels of CRE relative to state, regional, and national peers
- CRE concentration ratios as a % of risk-based capital are well below bank regulatory guidelines
 - CRE Ratio = 156.3%
 - C&D Ratio = 41.2%
- CRE criticized loans = \$7.9 million, or 1.0% of total CRE loans, 0.4% of loans HFI
- CRE NPLs = \$719,000, or 0.09% of total CRE loans, 0.04% of loans HFI



Adopted CECL methodology as of January 1, 2023

- **\$278,000** increase to ACL
- Established a \$442,000 reserve for unfunded commitments
- Combined 3.5% increase to December 31, 2022 allowance for loan losses
- One-time \$569,000, net of tax, decrease to stockholders' equity
- No provision expense recorded in 1Q23

Methodologies

- Cohort Loss Rate methodology (static pool analysis) used for loan segments > \$50.0 million
 - Tracks cohort over their remaining lives to determine their loss behavior
- Remaining Life Loss Rate methodology used for loan segments < \$50.0 million</p>
 - The calculated loss rate is applied to the loan segment periodically, based on the remaining life expectancy of the segment
- Loan portfolio is segmented by regulatory call report code
- For loans that do not share general risk characters with segments, we estimate specific reserves on an individual basis

Loans By Market

- Expanding operations in Southwest, Acadiana, Northshore, and Capital Markets
- Opened an LDPO and a full-service banking center in the New Orleans Market

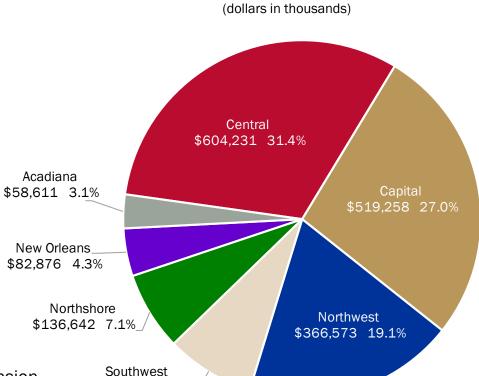
Opportunities and Challenges to Future Loans

Opportunities

- Expansion in larger Louisiana markets
- Competitor disruption
- New lender capacity

Challenges

- Higher rates impacting future borrowing activity
- Economic uncertainty and inflation
- Slowing loan demand
- Robust competition for new loans
- Tight labor market hampering some business expansion



Loans HFI

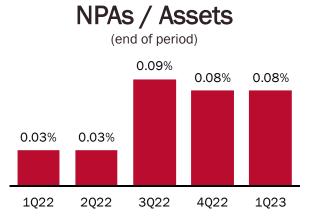
Originated by geographic market As of March 31, 2023

RED RIVER BANCSHARES, INC.

Asset Quality

RED RIVER BANCSHARES, INC.

- NPAs consistent at \$2.4 million
 - NPAs to Assets = 0.08%
- No provision expense recorded in 1Q23 under the new CECL methodology
- ACL to loans HFI = 1.09%
- Net charge-offs to average loans since Red River Bank's opening in 1999 = 0.06%



Asset Quality Metrics

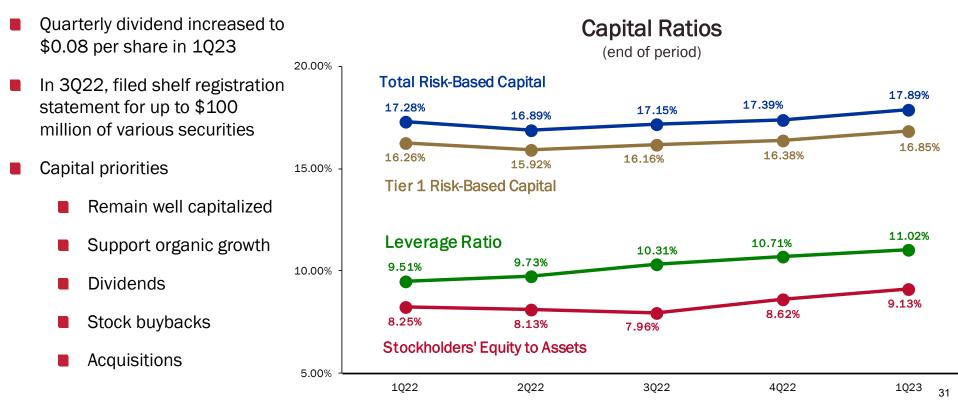
As of and for the quarter ended

(dollars in thousands)	Э	3/31/22	6/30/22	9/30/22	1	2/31/22	3/31/23
NPLs	\$	313	\$ 311	\$ 2,715	\$	2,366	\$ 2,361
NPLs to Loans HFI		0.02%	0.02%	0.14%		0.12%	0.12%
NPAs	\$	973	\$ 971	\$ 2,715	\$	2,366	\$ 2,383
NPAs to Assets		0.03%	0.03%	0.09%		0.08%	0.08%
Criticized Loans	\$	9,942	\$ 27,142	\$ 25,814	\$	22,776	\$ 21,944
CLs to Loans HFI		0.57%	1.48%	1.37%		1.19%	1.14%
Provision Expense	\$	150	\$ 250	\$ 600	\$	750	\$ -
ACL to Loans HFI		1.11%	1.05%	1.06%		1.08%	1.09%
Net Charge-offs to Average Loans		0.00%	0.01%	0.00%		0.00%	0.00%

Capital

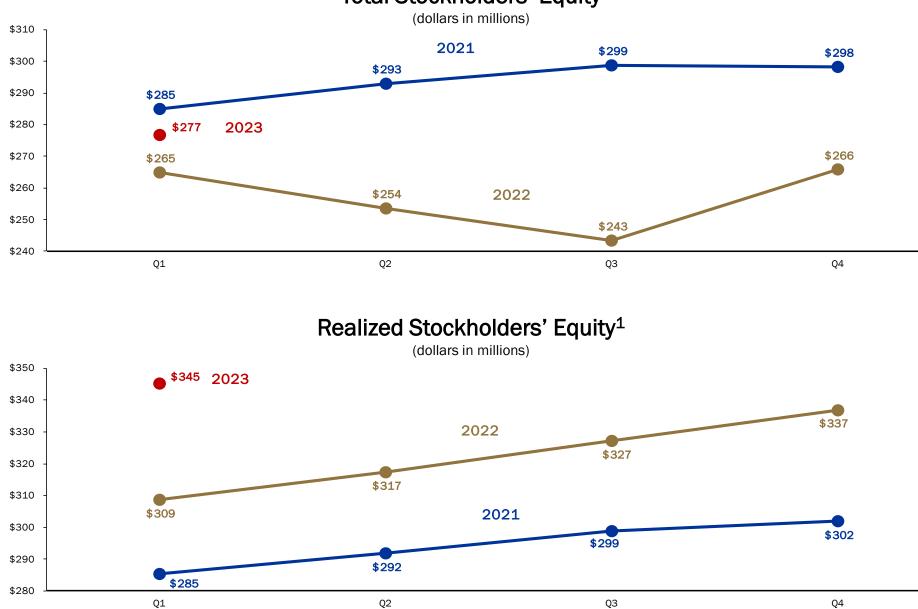


- Well capitalized position
- Includes \$68.5 million of net unrealized losses on securities AFS and HTM, 24.8% of capital as of March 31, 2023
- Stock repurchase programs
 - Repurchase Program renewed February 4, 2022 for \$5.0 million and expired December 31, 2022
 - 2022 Repurchased 4,465 shares of common stock for \$218,000
 - Repurchase Program renewed for 2023 for \$5.0 million and will expire December 31, 2023
 - 1Q23 Repurchased 6,795 shares of common stock for \$346,000



Stockholders' Equity Trends

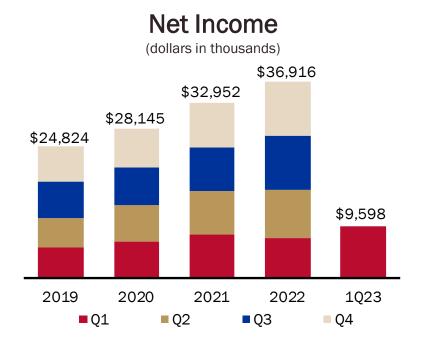
Total Stockholders' Equity



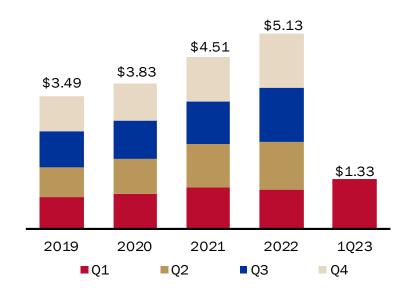
¹Non-GAAP measure. See "Forward-Looking Statements and Non-GAAP Information" on slide 2 and "Non-GAAP Reconciliation" slides in the Appendix for additional information.

Profitability Trends

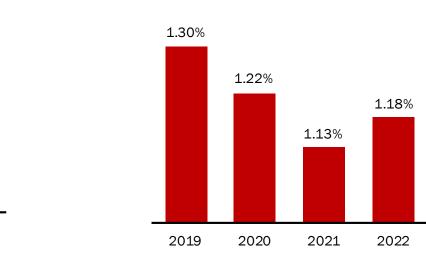
RED RIVER BANCSHARES, INC.



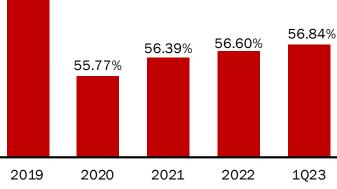
Earnings Per Share (Diluted)



Return on Average Assets



59.46%



Efficiency Ratio

1.28%

1023

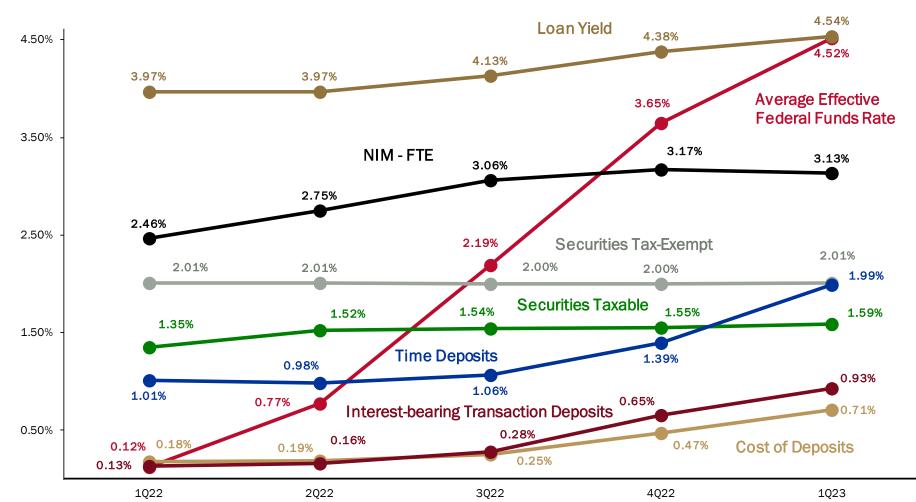
Net Interest Margin FTE (1Q23 vs. 4Q22)

NIM FTE decreased 4 bps to 3.13% for 1Q23 due to deposit pressures in the banking industry

RED RIVER BANCSHARES, INC.

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- Rates on new and renewed loans were 6.68% in 1Q23 compared to 6.25% in 4Q22
- Increased selected deposit rates to retain and attract customers
- Customers moved deposits from lower yielding accounts to higher yielding accounts
- Cost of deposits increased 24 bps in 1Q23 to 0.71%



RED RIVER BANCSHARES, INC.

Rates and Betas – 1Q23 vs 4Q22

- Loan yield increased 16 bps to 4.54% (19% beta)
- Earning asset yield increased 18 bps to 3.73% (21% beta)
- Interest-bearing transaction deposits increased 28 bps to 0.93% (32% beta)
- Time deposits increased 60 bps to 1.99% (69% beta)
- Cost of deposits increased 24 bps to 0.71% (28% beta)

Expectations

- Deposit rates may increase more than earning asset yields
- Slightly lower net interest income and net interest margin in 2Q23 and 3Q23
- Dependent upon
 - Future Federal Funds and other rates
 - Balance sheet activity
 - Deposit rate pressure
 - Deposit mix shift
 - Loan demand

NIM Opportunity

- Deploy investment cash flows into higher yielding assets
- Growth opportunity in new and legacy markets

NIM Challenges

- Uncertainty regarding future interest rate environment
- Deposit rate pressures
- Deposit mix shift to higher cost products
- Uncertainty regarding customer deposit activity
- Competition for new loans

Noninterest Income (1Q23 vs. 4Q22)

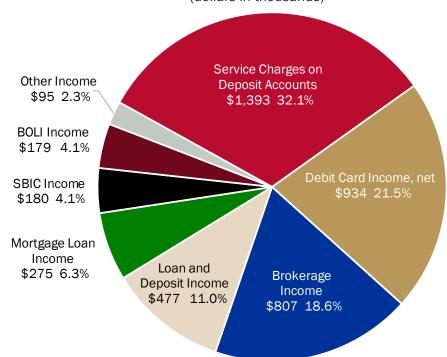


- Noninterest income decreased \$279,000 to \$4.3 million for 1Q23
- Brokerage income decreased \$206,000 from 4Q22, due to 4Q22 being benefitted by funds invested by new clients during that period
 - Assets under management = \$965.2 million
 - Program ranked in the top 6% out of all LPL Financial Institutions¹
- Mortgage loan income decreased \$178,000 due to reduced purchase activity as a result of higher mortgage interest rates



For the quarter ended March 31, 2023

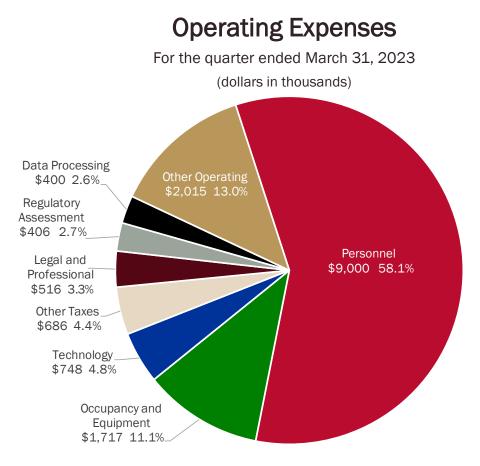
(dollars in thousands)



Operating Expenses (1Q23 vs. 4Q22)



- Operating expenses increased \$406,000 to \$15.5 million for 1Q23
- Personnel expenses increased \$319,000 due to higher health insurance expenses
- Regulatory assessment expenses increased \$129,000 due to the FDIC raising the deposit insurance assessment rate 2 bps, effective January 1, 2023, on all banks
- Occupancy and equipment expenses increased \$104,000 due to \$161,000 of nonrecurring expenses related to opening the new operations center building
 - 1Q23 In Southwest market, closed Lake Street Banking Center and moved staff to the Country Club Banking Center
- Data processing expense decreased \$209,000 due to receipt of a \$252,000 periodic refund from our data processing center
- Other business development expenses decreased \$130,000 due to timing of CRA related contributions



Expansion Highlights

Southwest Market – Lake Charles, Louisiana

- **3Q22** Expanded the Country Club Banking Center with a 3,600 square-foot addition
- 1Q23 Closed Lake Street and moved staff to the Country Club Banking Center

Acadiana Market - Lafayette, Louisiana

- **1Q22** Remodeled and opened as a full-service banking center on January 26, 2022
- 2Q22 Closed LDPO and moved staff to the Pinhook Banking Center

New Orleans Market – New Orleans, Louisiana

Baronne Street Banking Center

- **2Q22** Leased an existing banking center location in downtown New Orleans
- **3Q22** Opened as a full-service banking center on August 1, 2022

Veterans Memorial Boulevard Banking Center

- 1Q22 Purchased land in Metairie, Louisiana (a New Orleans suburb)
- **3Q23** Construction projected to start on a new full-service banking center

Central Market - Alexandria, Louisiana

4Q22 – Remodeled and opened the new operations center building, a 21,000 square foot building that provides an efficient facility for operations and support departments, as well as improve our business continuity plan

Strategic Outlook

- Continue building a strong, Louisiana-based, super-community bank by leveraging existing infrastructure and creating strong brand loyalty
- Continue disciplined capital management
- Manage liquidity
- Manage deposit pricing due to intensified rate pressure
- Manage net interest income and net interest margin in a changing interest rate environment
- Monitor asset quality trends and maintain appropriate level of allowance for credit losses
- Disciplined focus on personal, relationship banking and building shareholder value
- Continue *de novo*, organic expansion strategy
- Expand market share in newer South Louisiana markets
- Monitor markets for opportunity for organic growth or key acquisitions
- Continue to build out digital offerings as needed in order to serve our target customer base
- Continue to expand mortgage operations and investments division across markets
- Seek to take advantage of disruption in the marketplace

RED RIVER BANCSHARES, INC.

RED RIVER BANCSHARES, INC.

Summary

Well positioned for the future

Strong liquidity, borrowing capacity, and no debt

Granular, diversified deposit portfolio

Diversified loan portfolio with good asset quality

Well capitalized with 11.02% leverage ratio as of March 31, 2023

RED RIVER BANCSHARES, INC.

APPENDIX

Non-GAAP Reconciliation

RED RIVER BANCSHARES, INC.

	As of and for the Years Ended									
(dollars in thousands, except per share data)		3/31/23	1	.2/31/22		3/31/22	12/31/21			
Tangible common equity										
Total stockholders' equity	\$	276,640	\$	265,753	\$	264,874	\$	298,150		
Adjustments:										
Intangible assets		(1,546)		(1,546)		(1,546)		(1,546)		
Total tangible common equity (non-GAAP)	\$	275,094	\$	264,207	\$	263,328	\$	296,604		
Common shares outstanding		7,177,650		7,183,915		7,176,365		7,180,155		
Book value per common share	\$	38.54	\$	36.99	\$	36.91	\$	41.52		
Tangible book value per common share (non-GAAP)	\$	38.33	\$	36.78	\$	36.69	\$	41.31		
Tangible assets										
Total assets	\$	3,030,582	\$	3,082,686	\$	3,212,460	\$	3,224,710		
Adjustments:										
Intangible assets		(1,546)		(1,546)		(1,546)		(1,546)		
Total tangible assets (non-GAAP)	\$	3,029,036	\$	3,081,140	\$	3,210,914	\$	3,223,164		
Total stockholders' equity to assets		9.13%		8.62%		8.25%		9.25%		
Tangible common equity to tangible assets (non-GAAP)		9.08%		8.57%		8.20%		9.20%		
Non-PPP loans HFI										
Loans HFI	\$	1,921,850	\$	1,916,267	\$	1,741,026	\$	1,683,832		
Adjustments:										
PPP loans, net		(14)		(14)		(6,397)		(17,550)		
Non-PPP loans HFI (non-GAAP)	\$	1,921,836	\$	1,916,253	\$	1,734,629	\$	1,666,282		

Non-GAAP Reconciliation (continued)

	As of									
(dollars in thousands, except per share data)	З	/31/23	/31/23 12/3		9/30/22		6/30/22		Э	/31/22
Realized common equity										
Total stockholders' equity	\$	276,640	\$	265,753	\$	243,413	\$	253,596	\$	264,874
Adjustments:										
Accumulated other comprehensive (income) loss		68,541		71,166		83,744		63,804		43,819
Total realized common equity (non-GAAP)	\$	345,181	\$	336,919	\$	327,157	\$	317,400	\$	308,693
Common shares outstanding		7,177,650		7,183,915		7,183,915		7,176,365		7,176,365
Book value per common share	\$	38.54	\$	36.99	\$	33.88	\$	35.34	\$	36.91
Realized book value per common share (non-GAAP)	\$	48.09	\$	46.90	\$	45.54	\$	44.23	\$	43.02

				As of				
(dollars in thousands, except per share data)		2/31/21 9/30/21		/30/21	L 6/30/21			/31/21
Realized common equity								
Total stockholders' equity	\$	298,150	\$	298,688	\$	292,924	\$	284,911
Adjustments:								
Accumulated other comprehensive (income) loss		3,773		61		(1,058)		331
Total realized common equity (non-GAAP)	\$	301,923	\$	298,749	\$	291,866	\$	285,242